



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 86 15 72

**Classification of the application (IPC):**  
D03D 15/10, D03D 13/00, F16C 33/18

**Technical fields searched (IPC):**  
D03D, F16C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X,D	JP 2005220486 A (TORAY INDUSTRIES; TORAY FLUOROFIBERS AMERICA INC) 18 August 2005 (2005-08-18) * paragraphs [0002], [0011], [0016], [0017], [0023], [0030]; figures 3,6; examples 1,2 *	1-12
X	US 3328100 A (SPOKES RAYMOND E ET AL) 27 June 1967 (1967-06-27) * column 1, lines 13-32 * * column 3, line 45 - column 4, line 65; figures 1-10 *	1-12

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 15 April 2020	Examiner Louter, Petrus
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### CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 15-04-2020  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2005220486	A	18-08-2005	NONE	
US 3328100	A	27-06-1967	NONE	